

FIRE EQUIPMENT MECHANIC LEADWORKER

Class Definition

Under general supervision, leads a group of mechanics in the maintenance and repair of Fire Department heavy equipment, apparatus, and related firefighting equipment.

Distinguishing Characteristics

Fire Equipment Mechanic Leadworker is the advanced working/lead supervisory level in the Fire Department's Fire Equipment Mechanic series. The incumbent provides lead supervision over a group of Fire Equipment Mechanics performing skilled tasks in the mechanical repair and maintenance of all fire apparatus and related equipment. This class differs from Fire Equipment Mechanic II, in that incumbents of the latter do not assign work, or provide lead direction. This class differs from Equipment Supervisor in that the latter is the first line supervisory level.

Typical Tasks

(This list is neither inclusive nor exclusive. Consequently, this information may not reflect essential functions or cover all duties which may be assigned for this class.)

Supervises other mechanics in performing, and performs general overhaul and repair work on Fire Department apparatus and equipment.

Requisitions parts, tools, equipment, and materials needed for repair work.

Supervises and performs the fabrication of parts in connection with apparatus modification work and hydrant maintenance.

Rebuilds parts, such as crankshaft, transmission mounts, brackets and clamps.

Rebuilds, repairs and maintains heavy duty air brake systems.

Diagnose and repair electrical wiring circuits.

Performs simple fabrication tasks using lathes, shapers, drill presses, and welding equipment.

Disassembles, repairs, and tests pumps, air compressors, resuscitators, extension ladders, and related Fire Department equipment.

Repairs and overhauls diesel and gasoline engines, ignition systems, air brake systems, transmissions, differentials, front and rear axle assemblies; repairs and installs hydraulic controls; tunes motors using standard testing equipment.

Coordinates and performs training on the operation and maintenance of Fire Department apparatus and equipment.

Performs related duties as required.

Knowledge, Abilities, and Skills

Knowledge of the methods, materials, tools and techniques used in the repair of heavy equipment.

Knowledge in hydraulics and pump operations, air brake systems and electrical wiring systems.

Knowledge of the operating principles of gasoline and diesel engines, and of mechanical repair of trucks and firefighting apparatus and equipment.

Knowledge of the pertinent OSHA requirements, occupational hazards, and safety precautions of the trade.

Ability to assign, and direct the work of skilled mechanics and other shop workers.

Ability to diagnose defects in heavy equipment.

Ability to adapt available tools and repair parts to specific repair problems.

Ability to interpret and work from sketches and pencil diagrams.

Skill in the use of drill presses, lathes, micrometers, calipers, and other standard tools and equipment of the machinist trade.

Minimum Qualifications

Two years of experience as a Fire Equipment Mechanic II with the City of Fresno or the equivalent.

Necessary Special Requirement

Possession of a valid California Driver's License at time of appointment and acquire a Class B California Driver's License within thirty (30) days of appointment and maintain a valid Class B California Driver's License for the entire term of employment in this class.

APPROVED: _____
Director

DATE: _____

MG:JC:CW:NT:11/22/00